

Name: \_\_\_\_\_

### p1029: Box multiplication of linear binomials (v3)

#### Example

Use the box method to multiply  $(6x + 3)$  and  $(2x + 4)$ .

*	$6x$	$3$	
$2x$	$12x^2$	$6x$	$12x^2 + 6x + 24x + 12$
$4$	$24x$	$12$	Combine like terms.
			$12x^2 + 30x + 12$

ANSWER:  $12x^2 + 30x + 12$

#### Question 1

Use the box method to multiply  $(6x + 3)$  and  $(5x + 7)$ .

*	$6x$	$3$	
$5x$			
$7$			

ANSWER:

### Question 2

Use the box method to multiply  $(-3x + 4)$  and  $(5x + 9)$ .

*	$-3x$	$4$
$5x$		
$9$		

ANSWER:

### Question 3

Use the box method to multiply  $(9x - 6)$  and  $(-3x + 8)$ .

*		

ANSWER: